



# CEWELD OA 61

**TYPE** High-alloyed tubular wire on a C-Cr-B-W-V carbide basis for extreme hard deposits on parts subject to strong mineral abrasion.

**APPLICATIONS** Rebuilding and or protecting wornout parts that faces extreme abrasion attack with medium impact.

**PROPRIÉTÉS** Very good wear resistance even at higher temperatures. The deposit gives already a very good hardness in the first layer. A buffer layer with CEWELD® OA 4370 or CEWELD® OA MnCr is recommended in case of sensible base material or old layers. Weldable without protective gas.

**CLASSIFICATION** EN ISO 14700: T ZFe16  
DIN 8555: MF 10-GF-65-G

**CONVIENT POUR** 62-66 HRc hardfacing alloy for use in Cement, Mineral and brick industry: screws, decanters, earthmoving equipment, wear plates, dredger teeth, pumps etc.

**AGRÉMENTS**

**POSITIONS DE SOUDAGE**



**ANALYSE CHIMIQUE  
TYPIQUE DU MÉTAL DE  
SOUDURE (%)**

| C   | Si  | Mn  | Cr | V   | Fe   | W   | B   |
|-----|-----|-----|----|-----|------|-----|-----|
| 4.2 | 0.8 | 1.2 | 22 | 0.8 | Rem. | 0.7 | 1.1 |

**PROPRIÉTÉS MÉCANIQUES**

| Heat Treatment | R <sub>P0,2</sub> (MPa) | R <sub>m</sub> (MPa) | A <sub>5</sub> (%) | Hardness |
|----------------|-------------------------|----------------------|--------------------|----------|
| As Welded      |                         |                      |                    | 63 HRc   |

**ETUVAGE** 140°C / 24 hr

**GAS ACC. EN ISO 14175**



# CEWELD OA 61

OA 61 1,2MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 15      | 8720663403636 |

OA 61 1,6MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 15      | 8720663403650 |